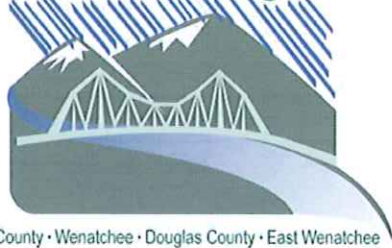


## Wenatchee Valley Stormwater Program



Chelan County • Wenatchee • Douglas County • East Wenatchee

## Steering Committee Meeting

Douglas County Public Services Building  
140 19<sup>th</sup> Street NW, East Wenatchee, Washington 98802

**March 24, 2010**

**11:45 AM – 1:00 PM**

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### ☞ Agenda ☞

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#### Topic

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### Help yourself to lunch!

#### 1. Introductions – Stormwater Program Update – What have we been up to?

- Staff Training
- Construction & Post Construction Stormwater Regulations
- NCHBA Home Show – Did you see us or hear about us?
- Jessica – Tech
- Publications – Have you seen them?

#### 2. IDDE public outreach/education

- Public Meetings: March 16: Convention Center, March 18: Douglas County Public Services Building
- Education & Outreach materials
- Mailings
- Newspapers
- Professional publications (NCHBA, NCWRA)

#### 3. Recommendation: Construction/Post Construction activities prior to implementation

- Technical Sub-committee – recommendations to Steering Committee

#### 4. Next Steps

- Manual Workshops by DOE
- Education/Training for Construction Site Operators

#### 5. Questions/Wrap up

**THANK YOU FOR YOUR ATTENDANCE AND PARTICIPATION!**

## CONSTRUCTION & POST CONSTRUCTION STORMWATER REGULATIONS



Wenatchee Valley  
Stormwater Program



Wenatchee Valley Stormwater  
Technical Advisory Committee  
March 24, 2010

## CONSTRUCTION & POST CONSTRUCTION STORMWATER REGULATIONS

Adoption of regulations was required by February 16, 2010.

- City of Wenatchee adopted January 14, 2010.
- Douglas County adopted February 9, 2010.
- City of East Wenatchee adopted February 9, 2010.
- Chelan County adopted February 16, 2010.

The Construction and Post Construction program and regulations must be *implemented* by February 16, 2011.

- Education and outreach for developers, designers and contractors will be provided in the year prior to implementation.
- Training will be provided to staff in the year prior to implementation.

### **ANALYSIS PRIOR TO IMPLEMENTATION**

Comments were received in Douglas County and East Wenatchee during the public process regarding two specific issues:

1. Design Storm
2. Retention requirement

Douglas County and East Wenatchee will continue to investigate the selection of the design storm and retention requirements currently included in the Construction and Post Construction Stormwater regulations.

It was recommended that this investigation include the current Program Development Steering Committee as well as representatives from the design community, who may provide additional technical expertise for consideration in preparation of a recommendation to the appropriate elected officials.

### **Design Storm & Detention Regulations**

	<b>Chelan County</b>	<b>Wenatchee</b>	<b>Douglas County</b>	<b>East Wenatchee</b>
<b>Design Event</b>	<u>Region 1:</u> <b>25 year Regional Storm</b>  <u>Region 2:</u> <b>25 year, Type 1A SCS</b>	<b>Type 1A SCS</b>  <i>Identified in SW Comp Plan.</i>	<b>Type II SCS - 100 year.</b>  <i>Identified in CHFMP.</i>	<b>Type II SCS - 100 year.</b>  <i>Identified in CHFMP.</i>
<b>Retention</b>	50% 2 yr existing at 2 yr developed  Match 25 year discharge.  Overflow provided for 100 year storm.  Downstream analysis required for 100 year bypass.	          Varies depending upon location & system capacity.	          <b>Full Retention.</b>  Off-site bypass permitted.	          <b>Full Retention.</b>  Off-site bypass permitted.



## **Douglas County & East Wenatchee**

### **Design Storm & Retention Analysis**

The Stormwater Management Manual for Eastern Washington indicates that the **Type IA – SCS** design storm is appropriate for compliance with the NPDES Municipal Stormwater Permit, unless the jurisdiction has studies to support the use of an alternate storm event to address region specific issues (ie. Flooding).

The Comprehensive Flood Hazard Management Plan (CFHMP) was developed to provide recommendations to address flooding in the Greater East Wenatchee Area. The CFHMP recommends the **Type II – SCS – 100 year** design storm along with **full retention**.

## **Next Steps**

### **Meetings to include:**

- A. Stormwater Program Development Steering Committee (all or a portion of the committee ?)
- B. Representatives from the design community (Engineers),
- C. Staff

### **Purpose: Review and discuss the selection of the appropriate design storm and detention requirements to:**

- A. Comply with the NPDES Municipal Stormwater Permit
- B. Provide protection from flooding in the Greater East Wenatchee Area
- C. Balance those needs relative to the Health, Safety and General Welfare of the public with the economic impacts upon the development community.

## Additional Review/Recommendations

Additionally all jurisdictions wish to gather input from the design (technical) community, in addition to the Steering Committee regarding selection of appropriate Best Management Practices (BMPs) to be utilized consistently within the Wenatchee Valley.

## Tentative Meeting Plan

	<u>TOPIC</u>	<u>Est. time</u>
Sub-committee	Design Storm/Retention	May/June
Sub-committee	Design Storm/Retention + BMPs	July/August
Sub-committee	Continue/Wrap up BMPs	Sept/Oct
Full SWPDSC	IDDE Program Implementation Design Storm/Retention/BMP	Oct/Nov

- ▶ *Propose "Sub-committee" meetings late in the afternoons, possibly 4:00-5:30 in the afternoon.*
- ▶ *Monday, Tuesday or Thursday.*
- ▶ *Preferences?*